

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/011555

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B62D29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B62D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 2 799 717 A (ROBERT BOSCH GMBH) 20 April 2001 (2001-04-20) figures 5,6	1-4
A	-----	5-8
Y	US 6 421 979 B1 (FISCHER KLAUS ET AL) 23 July 2002 (2002-07-23) abstract; figure 2a	1-4
A	-----	5-8
A	US 6 503 585 B1 (WAGENBLAST JOACHIM ET AL) 7 January 2003 (2003-01-07) abstract; figure 1	1-8
A	DE 100 65 219 C1 (BASF AG) 18 July 2002 (2002-07-18) abstract	1-8
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

15 February 2005

Date of mailing of the international search report

03/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kyriakides, L

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/011555

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 100 37 374 C1 (RHODIA ENGINEERING PLASTICS S.A., SAINT-FONS) 7 February 2002 (2002-02-07) abstract; figures 2,4 -----	1-8
A	FR 2 783 746 A (VALEO THERMIQUE MOTEUR) 31 March 2000 (2000-03-31) abstract; figure 1 -----	1-8
A	US 6 216 810 B1 (NAKAI KIYOTAKA ET AL) 17 April 2001 (2001-04-17) abstract; figure 6 -----	1-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/011555

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2799717	A	20-04-2001	FR 2799717 A1	20-04-2001
US 6421979	B1	23-07-2002	EP 1084816 A2	21-03-2001
			JP 2001129884 A	15-05-2001
US 6503585	B1	07-01-2003	DE 19848516 A1	27-04-2000
			AT 257446 T	15-01-2004
			DE 59908237 D1	12-02-2004
			EP 0995668 A1	26-04-2000
			ES 2214788 T3	16-09-2004
			JP 2000130689 A	12-05-2000
			PL 336136 A1	25-04-2000
DE 10065219	C1	18-07-2002	NONE	
DE 10037374	C1	07-02-2002	AU 7641401 A	13-02-2002
			WO 0211261 A1	07-02-2002
			EP 1305859 A1	02-05-2003
			JP 2004504956 T	19-02-2004
FR 2783746	A	31-03-2000	FR 2783746 A1	31-03-2000
US 6216810	B1	17-04-2001	JP 10264855 A	06-10-1998
			DE 19813162 A1	01-10-1998
			FR 2761331 A1	02-10-1998